

Order	Device	Class	Status	Appl.AA	Appl.BB
1	B-Vendor Terminal A	direct	no card	wait	wait
2	Y-Vendor Terminal A	direct	no card	wait	wait
3	A-Vendor Terminal 1	PC/SC	no card	wait	wait
4	X-Vendor Terminal 1	PC/SC	card ins.	access 1	access 1
5	ABC-Virtual Card	VSC	enabled	access 2	access 2
6	XYZ-Virtual Card	VSC	enabled	access 3	access 3

FIG. 1A

Order	Device	Class	Status	Appl.AA	Appl.BB
1	B-Vendor Terminal A	direct	no card	wait	wait
2	Y-Vendor Terminal A	direct	no card	wait	wait
3	A-Vendor Terminal 1	PC/SC	card ins.	access 1	access 1
4	X-Vendor Terminal 1	PC/SC	card ins.	access 2	access 2
5	ABC-Virtual Card	VSC	enabled	access 3	access 3
6	XYZ-Virtual Card	VSC	enabled	access 4	access 4

FIG. 1B

Order	Device	Class	Status	Appl.AA	Appl.BB
1	B-Vendor Terminal A	direct	no card	wait	wait
2	Y-Vendor Terminal A	direct	no card	wait	wait
3	A-Vendor Terminal 1	PC/SC	card ins.	access 1	access 1
4	A-Vendor Terminal 2	PC/SC	card ins.	access 2	access 2
5	X-Vendor Terminal 1	PC/SC	card ins.	access 3	access 3
6	ABC-Virtual Card	VSC	enabled	access 4	access 4
7	XYZ-Virtual Card	VSC	enabled	access 5	access 5

FIG. 1C

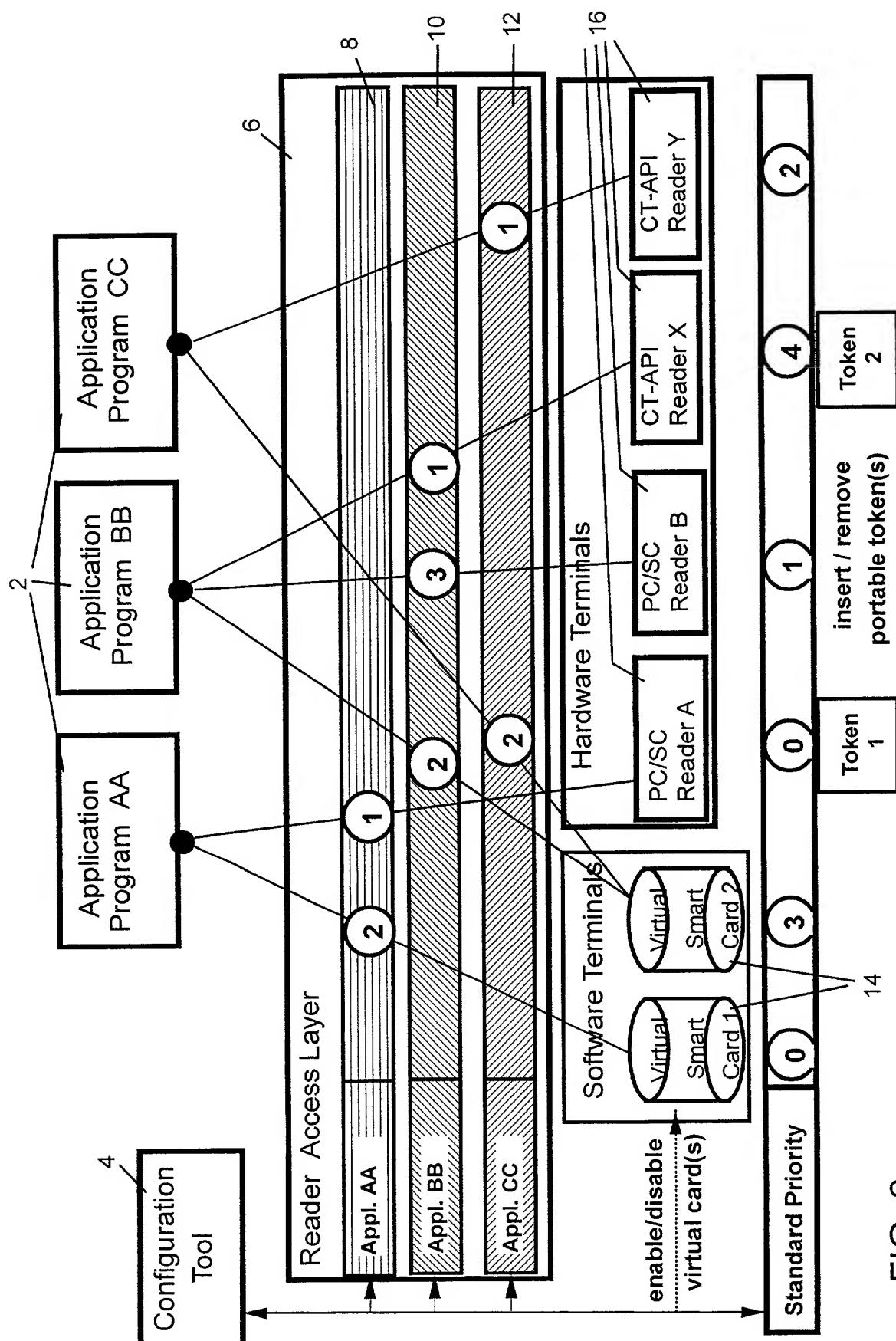
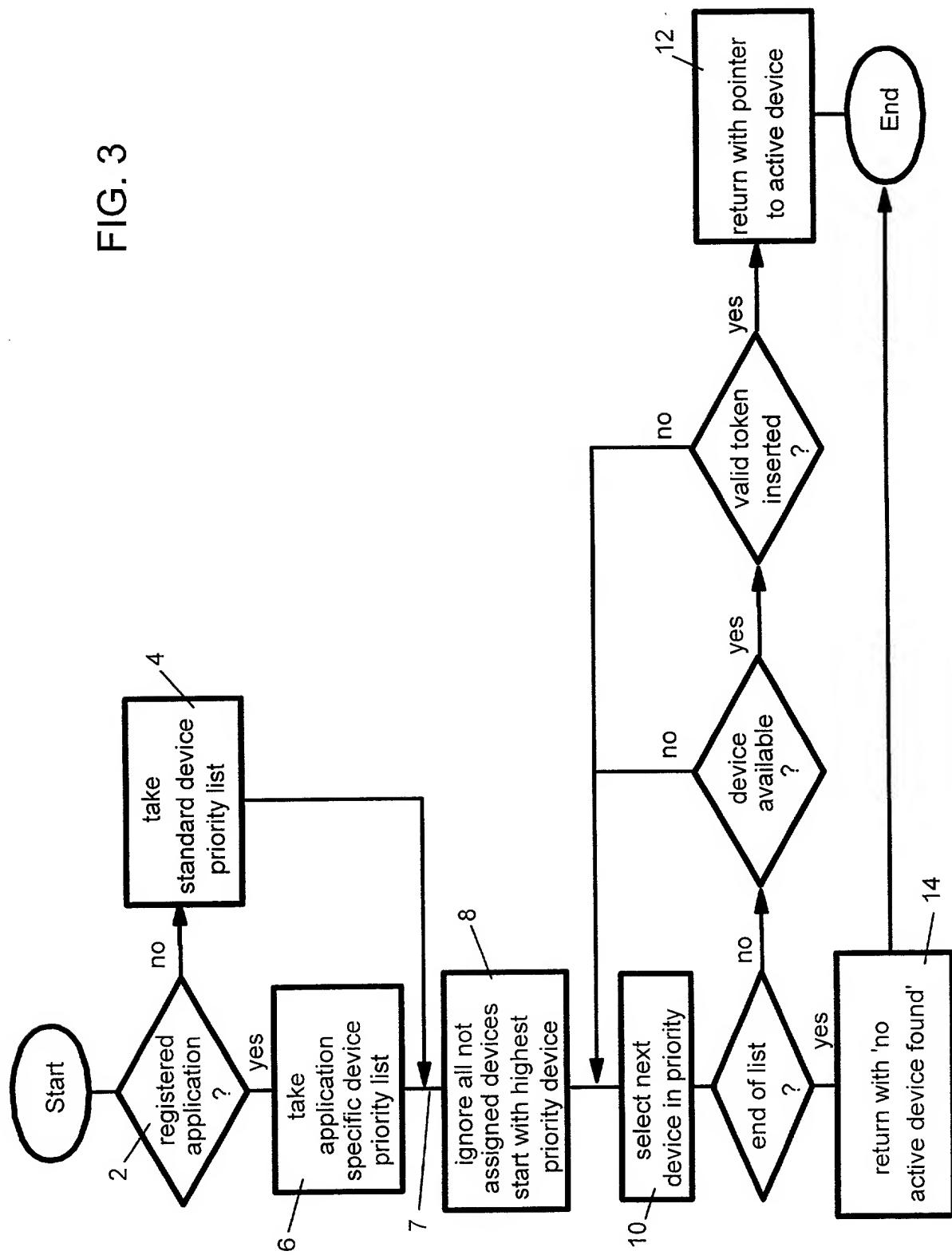


FIG. 2

FIG. 3



#	Device	Class	Status
1	B-Vendor Terminal A	direct	no card
2	Y-Vendor Terminal A	direct	no card
3	A-Vendor Terminal 1	PC/SC	no card
4	X-Vendor Terminal 1	PC/SC	card ins.
5	ABC-Virtual Card	VSC	enabled
6	XYZ-Virtual Card	VSC	disabled

FIG. 4A

#	Device Name	standard priority	Appl. AA priority	Appl. BB priority
1	B-Vendor Terminal A	4	2	2
2	Y-Vendor Terminal A	3	3	1
3	A-Vendor Terminal 1	5	0	4
4	X-Vendor Terminal 1	1	1	3
5	ABC-Virtual Card	6	0	0
6	XYZ-Virtual Card	2	4	0

FIG. 4B

stand. prior.	Device	Status	standard priority	Appl. AA priority	Appl. BB priority
1	X-Vendor Terminal 1	card ins.	access 1	access 1	wait (3)
2	XYZ-Virtual Card	disabled.	wait	wait (4)	-
3	Y-Vendor Terminal A	no card	wait	wait (3)	wait (1)
4	B-Vendor Terminal A	no card	wait	wait (2)	wait (2)
5	A-Vendor Terminal 1	no card	wait	-	wait (4)
6	ABC-Virtual Card	enabled	access 2	-	-

FIG. 4C

stand. prior.	Device	Status	standard priority	Appl. AA priority	Appl. BB priority
1	X-Vendor Terminal 1	card ins.	access 1	access 1	wait (3)
2	XYZ-Virtual Card	disabled	wait	wait (4)	-
3	Y-Terminal A	no card	wait	wait (3)	wait (1)
4	B-Terminal A	no card	wait	wait (2)	wait (2)
5	A-Vendor Terminal 1	card ins.	access 2	-	access 1
6	ABC-Virtual Card	enabled	access 3	-	-

FIG. 4D

#	Device	Class	Status
1	B-Vendor Terminal A	direct	no card
2	Y-Vendor Terminal A	direct	no card
3	A-Vendor Terminal 1	PC/SC	no card
4	A-Vendor Terminal 2	PC/SC	card ins.
5	X-Vendor Terminal 1	PC/SC	card ins.
6	ABC-Virtual Card	VSC	enabled
7	XYZ-Virtual Card	VSC	disabled

FIG. 4E

#	Device Name	standard priority	Appl. AA priority	Appl. BB priority
1	B-Vendor Terminal A	4	2	2
2	Y-Vendor Terminal A	3	3	1
3	A-Vendor Terminal 1	5	0	4
4	A-Vendor Terminal 2	7	0	0
5	X-Vendor Terminal 1	1	1	3
6	ABC-Virtual Card	6	0	0
7	XYZ-Virtual Card	2	4	0

FIG. 4F

stand. prior.	Device	Status	standard priority	Appl. AA priority	Appl. BB priority
1	X-Vendor Terminal 1	card ins.	access 1	access 1	wait (3)
2	XYZ-Virtual Card	disabled	wait	wait (4)	-
3	Y-Terminal A	no card	wait	wait (3)	wait (1)
4	B-Terminal A	no card	wait	wait (2)	wait (2)
5	A-Vendor Terminal 1	card ins.	access 2	-	access 1
6	ABC-Virtual Card	enabled	access 3	-	-
7	A-Vendor Terminal 2	card ins.	access 4	-	-

FIG. 4G

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#	Device Name	standard priority	Appl. AA priority	Appl. BB priority	Appl. CC priority
1	B-Vendor Terminal A	4	2	2	0
2	Y-Vendor Terminal A	3	3	1	0
3	A-Vendor Terminal 1	5	0	4	0
4	A-Vendor Terminal 2	6	0	0	1
5	X-Vendor Terminal 1	1	1	3	0
6	ABC-Virtual Card	7	0	0	2
7	XYZ-Virtual Card	2	4	0	0

FIG. 4H

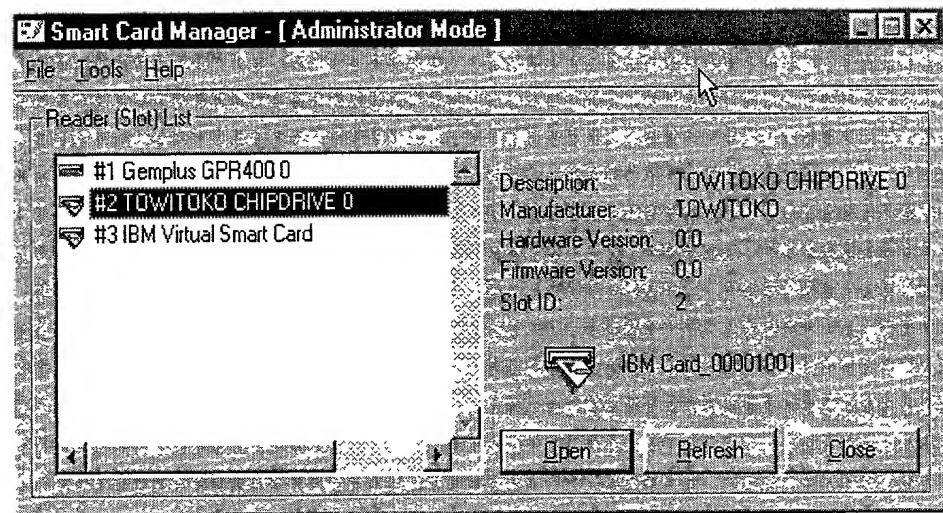


FIG. 5